U.S. Department
of Transportation

**Federal Highway
Administration**

National
Bridge
Inventory
Information
System

SI&A
PROGRAM

Office of Bridge Technology

December 1997

TABLE OF CONTENTS

1.0   STRUCTURE INVENTORY AND APPRAISAL (SI&A) REPORT GENERATOR

1.1   <u>Overview</u>

       This document is to be used to run the program that produces metric SI&A sheets. These SI&A sheets are used to view data in the 432 character bridge record coded according to the 1995 Coding Guide format.

       This package contains the conversion program COBOL source code along with the Job Control Language (JCL) statement needed to run the program. The COBOL source code must be compiled with your compiler. A sample JCL stream is included in the enclosed mini-tape or floppy and listed below:

1.2   <u>JCL</u>

```
//LE21P02M JOB (ACCT,INFO),'DUNN',
  //             CLASS=A,MSGCLASS=T,PRTY=6,TIME=1,
    //             NOTIFY=$
      //STEPONE   EXEC PGM=LE21P02M,REGION=0K
        //STEPLIB  DD DISP=SHR,DSN=your.loadlib
//STATEIN  DD DSN=bridge.master,DISP=SHR
//PRINTOUT DD SYSOUT=*
//SYSOUT   DD SYSOUT=*
//SYSDBOUT DD SYSOUT=*
//SYSUDUMP DD SYSOUT=*
//
  /*EOF
```

where:

your.loadlib   Load library used where SI&A programs is compiled and, optionally, any additional load libraries necessary for the site.

bridge.master   DSN of 432-character bridge master file.

2.0   USING THE PC VERSION OF THE SI&A PROGRAM

     The SI&A report can be run on the PC. This program will print
the entire contents of a file containing metric bridge records.

2.1   Installing the SI&A Program on the PC

     The PC version of the SI&A program and the PC version of the
Edit/Update program are to be installed simultaneously. See the
"Edit/Update Program" manual.

     The input file for the SI&A program will be the output file
from the Edit/Update program.   The file should be in your
C:\BRIDGE** subdirectory with the name **MFOUTPUT.DAT.

2.2   Files Used by the SI&A Program

     The following files on the high density 3 1/2" floppy diskette
are used for the SI&A:

     (1) LE21P02M.EXE - The SI&A program.   Just type **SIA**   to
                         execute.

     (2) SIA.BAT   -   The batch file for running the SI&A
                         program.